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1 Ray-mode analysis of plane wave coupling into a large open circular waveguide*Shirai, H.;*Antennas and Propagation Society International Symposium, 1988.
AP-S. Digest, 6-10 June 1988

Page(s): 428 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(28 KB\)\]](#) **IEEE CNF****2 A Combined Method for Dielectric Waveguides Using the Finite-Element Technique and the Surface Integral Equations Method***Ching-Chuan Su;*Microwave Theory and Techniques, IEEE Transactions on, Volume:
34 Issue: 11, Nov 1986

Page(s): 1140 -1146

[\[Abstract\]](#) [\[PDF Full-Text \(704 KB\)\]](#) **IEEE JNL****3 Lithium niobate ridge waveguides by nickel diffusion and proton-exchanged wet etching***Wei-Lin Chen; Rei-Shin Chen; Jeng Hong Lee; Way-Seen Wang;*

Photonics Technology Letters, IEEE, Volume: 7 Issue: 11, Nov. 1995

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Elachi, C.; Evans, G.; Yeh, C.;
Microwave Theory and Techniques, IEEE Transactions on , Volume:
23 Issue: 6 , Jun 1975
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[\[Abstract\]](#) [\[PDF Full-Text \(704 KB\)\]](#) **IEEE JNL****32 A Combined Method for Dielectric Waveguides Using the Finite-Element Technique and the Surface Integral Equations Method**

Ching-Chuan Su;
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33 Integrated optic electrooptic modulator electrode analysis

Ramer, O.;
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1982
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34 Influence of temperature and initial titanium dimensions of fiber-Ti:LiNbO₃ waveguide insertion loss at $\lambda = 1.3 \mu\text{m}$

McCaughan, L.; Murphy, E.;

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35 Two-dimensional propagating beam analysis of an electrooptic waveguide modulator

Danielsen, P.;

Quantum Electronics, IEEE Journal of , Volume: 20 Issue: 9 , Sep 1984

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36 Silver film-diffused glass waveguides: Diffusion process and optical properties

Najafi, S.; Suchoski, P.; Ramaswamy, R.;

Quantum Electronics, IEEE Journal of , Volume: 22 Issue: 12 , Dec 1986

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37 Planar, buried, ion-exchanged glass waveguides: Diffusion characteristics

Ramaswamy, R.; Najafi, S.;

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38 Acoustooptic Bragg deflection in LiNbO₃Ti-diffused waveguides

Schmidt, R.; Kaminow, I.;

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39 Modes in diffused optical waveguides of arbitrary index profile

Hocker, G.; Burns, W.;

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40 A simple and accurate model analysis of strip-loaded optical waveguides with various index profiles

Varshney, R.K.; Kumar, A.;

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41 Control of mode profiles in proton-diffused LiNbO₃ waveguides using self-aligned SiO₂ cladding

Yung-Sung Son; Hyung-Jae Lee; Sang-Yung Shin;

Photonics Technology Letters, IEEE , Volume: 2 Issue: 3 , March 1990

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42 Fabrication, characterization and index profile modeling of high-damage resistance Zn-diffused waveguides in congruent and MgO:lithium niobate

Young, W.M.; Fejer, M.M.; Digonnet, M.J.F.; Marshall, A.F.;

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43 Germanium-diffused waveguides in silicon for $\lambda = 1.3 \mu\text{m}$ and $\lambda = 1.55 \mu\text{m}$ with losses below 0.5 dB/cm

Schmidtchen, J.; Schuppert, B.; Splett, A.; Petermann, K.;

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44 **Diode laser butt coupling t K⁺ diffused waveguides in glass**

Helleso, O.G.; Benech, P.; Rimet, R.;

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45 **Analysis of diffused planar and channel waveguides**

Sharma, A.; Bindal, P.;

Quantum Electronics, IEEE Journal of , Volume: 29 Issue: 1 , Jan. 1993

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1 Connection loss reduction by thermally-diffused expanded core fiber*Haibara, T.; Nakashima, T.; Matsumoto, M.; Hanafusa, H.;*

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2 Integrating a full custom microprocessor in a user defined ASIC array as a fully diffused core

Ashby, L.; Kuner, D.;

ASIC Conference and Exhibit, 1992., Proceedings of Fifth Annual IEEE International , 21-25 Sept. 1992

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3 Low loss fused D fibre couplers

Cryan, C.V.; Kenny, R.P.; Hussey, C.D.;

Electronics Letters , Volume: 29 Issue: 16 , 5 Aug. 1993

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4 Design of adiabatic tapers produced by controlled core diffusion

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5 Tapers in single-mode optical fibre by controlled core diffusion

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6 Theory of tapering single-mode optical fibres by controlled core diffusion

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7 Creep and Tensile Behavior of Lead-Rich Lead-Tin Solder Alloys

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8 Creep and tensile behavior of lead-rich lead-tin solder alloys

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9 Novel chirped fiber grating utilizing a thermally diffused

taper-core fiber*Okude, S.; Sakai, T.; Wada, A.; Yamauchi, R.;*

Optical Fiber Communications, 1996. OFC '96 , Feb. 25 - March 1, 1996

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[\[Abstract\]](#) [\[PDF Full-Text \(144 KB\)\]](#) **IEEE CNF****10 OD for research and development organisation***Narang, S.C.;*

Engineering and Technology Management, 1998. Pioneering New Technologies: Management Issues and Challenges in the Third Millennium. IEMC '98 Proceedings. International Conference on , 11-13 Oct. 1998

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[\[Abstract\]](#) [\[PDF Full-Text \(428 KB\)\]](#) **IEEE CNF****11 Direct measurement of core profile diffusion and ellipticity in fused-taper fibre couplers using atomic force microscopy***Huntington, S.T.; Ashby, S.J.; Elias, M.C.; Love, J.D.;*

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[\[Abstract\]](#) [\[PDF Full-Text \(160 KB\)\]](#) **IEE JNL****12 Characteristics of laser-diode modules using thermally-diffused expanded core fibres***Yoshino, K.; Kato, K.; Nishi, I.; Hanafusa, H.; Horiguchi, M.;*

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15 Thermally-diffused expanded core fibres for low-loss and inexpensive photonic components

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16 A model for optical and thermal analysis of laser balloon angioplasty

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17 Connection loss reduction by thermally-diffused expanded core fiber

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18 Fiber-embedded in-line isolator

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19 Optical coupling characteristics of laser diodes to thermally diffused expanded core fiber coupling using an aspheric lens

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20 Loss characteristics of thermally diffused expanded core fiber

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21 Narrow-band Fabry-Pérot etalon filters using expanded-core fibers

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22 Low-loss optical connector between dissimilar single-mode fibers using local core expansion technique by thermal diffusion

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24 Fabrication of an expanded core fiber having MFD of 40 μm preserving outer diameter

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25 Erbium-doped optical fiber amplifiers pumped in the 660- and 820-nm bands

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